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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/933,956	08/21/2001	Ramesh R. Sarukkai	YAHOO-01007US0	7521

23910 7590 04/14/2005

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EXAMINER

WOZNIAK, JAMES S

ART UNIT	PAPER NUMBER
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2655

DATE MAILED: 04/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/933,956

Applicant(s)

SARUKKAI, RAMESH R.

Examiner

James S. Wozniak

Art Unit

2655

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12/16/2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) 15-25 and 31 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 and 26-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. **Claims 15-25 and 31** are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention. Election was made **without** traverse in the reply filed on 12/16/2004.

Claim Objections

2. **Claim 28** is objected to because of the following informalities: “claim 26” in Line 1 should be changed to –claim 27-- in order to provide proper antecedent basis for “the prerecorded audio information.”

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an

international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 1-8, 12-14, and 26-30** are rejected under 35 U.S.C. 102(e) as being anticipated by Ladd et al (*U.S. Patent: 6,269,336*).

With respect to **Claim 1**, Ladd discloses:

Receiving an audio request for information (*Col. 4, Lines 37-49; Fig. 2, Element 156; Col. 10, Lines 12-21*);

Obtaining the information (*Col. 10, Line 58- Col. 11, Line 11*); and,

Executing the obtained information (*Col 9, Lines 11-27*).

With respect to **Claim 2**, Ladd discloses:

The communication device is a cellular telephone (*Col. 6, Lines 37-49*).

With respect to **Claim 3**, Ladd discloses:

The communication device is a standard telephone (*Col. 6, Lines 37-49*).

With respect to **Claim 4**, Ladd discloses:

The communication device is a personal digital assistant (*Col. 7, Lines 25-33*).

With respect to **Claim 5**, Ladd discloses:

Parsing the information subsequent to obtaining the information (*Col. 12, Lines 15-24*).

With respect to **Claim 6**, Ladd discloses:

Generating an intermediary form of the information (*Col. 12, Lines 15-24; Col. 15, Line 60- Col. 16, Line 28*).

With respect to **Claim 7**, Ladd discloses:

Encoding an XML tag in the intermediary form (*Col. 16, Lines 29-40; Col. 5, Lines 8-11*); and

Encoding a tag state in the intermediary form (start, end, and dialog tags, Col. 16, Lines 29-40).

With respect to **Claim 8**, Ladd discloses:

Generating an array representing the information (*Col. 12, Lines 15-24*).

With respect to **Claim 12**, Ladd discloses:

Parsing the information subsequent to the step of obtaining (*Col. 15, Line 60- Col. 16, Line 28; Col. 12, Lines 15-24*); and,

Generating an intermediary from of the parsed information (*tree, Col. 15, Lines 15-24*).

With respect to **Claim 13**, Ladd discloses:

Converting the information into audio (*Col. 9, Lines 11-27*); and,

Playing the audio (*Col. 9, Lines 11-27*).

With respect to **Claim 14**, Ladd discloses:

The step of executing includes returning an audio prompt (*Col. 14, Lines 10-56*).

With respect to **Claim 26**, Ladd discloses:

A voice browser (*Fig. 3, Element 250*); and,

A prompt audio object generating audio in response to a request (*Col. 10, Line 58- Col. 11, Line 11, Col. 10, Lines 13-21*).

With respect to **Claim 27**, Ladd discloses:

The prompt audio object stores at a at least on e prerecorded audio information (*Col. 15, Lines 60-64; Col. 10, Line 58- Col. 11, Line 11; Col. 10, Lines 13-21*).

With respect to **Claim 28**, Ladd discloses:

The prerecorded audio information is periodically updated (*Col. 13, Lines 61-65*).

With respect to **Claim 29**, Ladd discloses:

The prerecorded audio information includes tags identifying the information to the voice browser (*Col. 15, Lines 60-64; Col. 16, Lines 29-40*).

With respect to **Claim 30**, Ladd discloses location and dialog tag information (*Col. 16, Lines 29-40*), as well as device information tags (*Col. 24, Lines 1-8*).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. **Claims 9-11** are rejected under 35 U.S.C. 103(a) as being unpatentable over Ladd et al in view of Uppaluru (*U.S. Patent: 5,915,001*).

With respect to **Claim 9**, Ladd teaches the method of voice browsing with respect to Claim 1. Ladd does not specifically suggest that requested information is stored in a cache, however Uppaluru teaches storing generated voice web pages in a cache (*Col. 14, Lines 1-9*).

Ladd and Uppaluru are analogous art because they are from a similar field of endeavor in voice-enabled browsers. Thus, it would have been obvious to a person of ordinary skill in the art, at the time of invention, to modify the teachings of Ladd with the use of a cache for storing generated voice web pages as taught by Uppaluru to provide a more efficient means of obtaining

voice web data by providing for the reuse of a generated voice web page stored in a cache
(Uppaluru, Col. 14, Lines 1-9).

With respect to **Claim 10**, Uppaluru further discloses:

Determining whether the information is stored in a cache and wherein the step of obtaining obtains the information from the cache (*reusing a generated voice web page stored in a cache that would require an inherent data detection step*, Col. 14, Lines 1-9).

With respect to **Claim 11**, Ladd teaches the method of voice browsing capable of generating an intermediary data form as applied to Claim 6. Ladd also teaches storing a generated intermediary data form (Col. 13, Lines 63-65), while Uppaluru teaches storing generated voice web page data in a cache for the benefit of providing a more efficient means of obtaining voice web data as applied to Claim 9.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Sarukkai et al (U.S. Patent: 5,819,220)- teaches a method for web browsing using speech.

Saylor et al (U.S. Patent: 6,263,051)- teaches a voice browsing system utilizing text-to-speech conversion, voice prompts, and mark-up language parsing.

Wesemann et al (U.S. Patent: 6,349,132)- teaches a voice browser utilizing VoxML tags and pre-recorded speech.

Loghmani et al (*U.S. Patent: 6,377,927*)- teaches voice browsing of a database utilizing parsing, speech synthesis, and voice prompts.

Bennett et al (*U.S. Patent: 6,615,172*)- teaches a speech query system featuring natural language parsing and text-to-speech conversion.

Berstis (*U.S. Patent: 6,718,015*)- teaches a voice browser that locates requested information, parses the information, and synthesizes the retrieved information.

Danielsen (*"The Promise of a Voice-Enabled Web," 2000*)- teaches a voice browser utilizing VoiceXML.


Huckvale (*"The Use and Potential of Extensible Mark-Up (XML) in Speech Generation," 1999*)- teaches the use of XML in voice browsing.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James S. Wozniak whose telephone number is (703) 305-8669 and email is James.Wozniak@uspto.gov. The examiner can normally be reached on Mondays-Fridays, 8:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To can be reached at (703) 305-4827. The fax/phone number for the Technology Center 2600 where this application is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the technology center receptionist whose telephone number is (703) 306-0377.

James S. Wozniak
3/18/2005


DAVID L. OMETZ
PRIMARY EXAMINER